Virus Research, 16 (1990) 341–343
Elsevier

Contents of Volume 16

No. 1

Research Papers

D.G. Murphy, K. Dimock and C.Y. Kang (Canada)
Viral RNA and protein synthesis in two LLC-MK_2 cell lines persistently infected with human parainfluenza virus 3 1

S.A. Lewis and M.J. Grubman (U.S.A.)
Bluetongue virus: surface exposure of VP7 17

A. Gregoriades, G.G. Guzman and E. Paoletti (U.S.A.)
The phosphorylation of the integral membrane (M1) protein of influenza virus 27

C.T. Prideaux, S. Kumar and D.B. Boyle (Australia)
Comparative analysis of vaccinia virus promoter activity in fowlpox and vaccinia virus recombinants 43

P. Desprès, A. Ruiz-Linarès, A. Cahour, M. Girard, C. Wychowski and M. Bouloy (France) 59

A.C. Marriott, V.K. Ward, S. Higgs and P.A. Nuttall (U.K.)
RNA probes detect nucleotide sequence homology between members of two different nairovirus serogroups 77

P.A. Rota, B.K. De, M.W. Shaw, R.A. Black, W.C. Gamble and A.P. Kendal (U.S.A.)
Comparison of inactivated, live and recombinant DNA vaccines against influenza virus in a mouse model 83

R.K. Akkina and K.P. Raisch (U.S.A.)
Intracellular virus-induced polypeptides of pestivirus border disease virus 95

Y. Matsuoka, R. Ray and R.W. Compans (U.S.A.)
Sequence of the hemagglutinin-neuraminidase gene of human parainfluenza virus type 1 107

Book Review 115

No. 2

Research Papers

J.P.G. Leite, S.P. Monteiro, A.M. Fialho and H.G. Pereira
A novel avian virus with trisegmented double-stranded RNA and further observations on previously described similar viruses with bisegmented genome 119

L.B. Giebel, L. Zöller, E.K.F. Bautz and G. Darai
Rapid detection of genomic variations in different strains of hantaviruses by polymerase chain reaction techniques and nucleotide sequence analysis 127

0168-1702/90/$03.50 © 1990 Elsevier Science Publishers B.V. (Biomedical Division)

M.L. Perdue, P.O. Wainright and M. Brugh
Effects of chicken embryo age on time to death following infection by avian influenza viruses: implications for distinguishing highly pathogenic isolates 137

B.R. Murphy, G.A. Prince, L.A. Lawrence, K.D. Croen and P.L. Collins
Detection of respiratory syncytial virus (RSV) infected cells by in situ hybridization in the lungs of cotton rats immunized with formalin-inactivated virus or purified RSV F and G glycoprotein subunit vaccine and challenged with RSV 153

V.G. Chinchar and W. Yu
Frog virus 3-mediated translational shut-off: frog virus 3 messages are translationally more efficient than host and heterologous viral messages under conditions of increased translational stress 163

J.E. Clements, D.H. Gabuzda and S.L. Gdovin
Cell type specific and viral regulation of visna virus gene expression 175

B. Schultze, H.-J. Gross, R. Brossmer, H.-D. Klenk and G. Herrler
Hemagglutinating encephalomyelitis virus attaches to *N*-acetyl-9-*O*-acetylneuraminic acid-containing receptors on erythrocytes: comparison with bovine coronavirus and influenza C virus 185

B. Forghani, R. Mahalingam, A. Vafai, J.W. Hurst and K.W. Dupuis
Monoclonal antibody to immediate early protein encoded by varicella-zoster virus gene 62 195

S. Faisst, S. Bartnitzke, J.R. Schlehofer and H. Hausen
Persistence of parvovirus H-1 DNA in human B- and T-lymphoma cells 211

J.A. López-Guerrero, F.X. Pimentel-Muiños, M. Fresno and M.A. Alonso
Role of soluble cytokines on the restricted replication of poliovirus in the monocytic U937 cell line 225

No. 3

Book Review 231

Announcement from the Publisher 233

Research Papers

A.Q. Zhang and G.W. Burgess (U.S.A., Australia)
Epitopes on 14S subunits, natural empty capsids and virions of bovine enteroviruses 235

M.D. Laviada, S.P. Videgain, L. Moreno, F. Alonso, L. Enjuanes and J.M. Escribano (Spain)
Expression of swine transmissible gastroenteritis virus envelope antigens on the surface of infected cells: epitopes externally exposed 247

P. Seechurn, N.J. Knowles and J.W. McCauley (U.K.)
The complete nucleotide sequence of a pathogenic swine vesicular disease virus 255

A.F. Lentine and S.L. Bachenheimer (U.S.A.)
Intracellular organization of herpes simplex virus type 1 DNA assayed by staphylococcal nuclease sensitivity 275

B.E. Orman, R.M. Celnik, A.M. Mandel, H.N. Torres and A.N. Mentaberry (Argentina)
Complete cDNA sequence of a South American isolate of potato virus X 293

E.M. Durban, J.E. Knepper, D. Medina and J.S. Butel (U.S.A.)
Influence of mammary cell differentiation on the expression of proteins encoded by endogenous BALB/c mouse mammary tumor virus genes 307

J.A. López-Turiso, C. Martínez, T. Tanaka and J. Ortín (Spain, Japan)
The synthesis of influenza virus negative-strand RNA takes place in insoluble complexes present in the nuclear matrix fraction 325

Book Review 339

Contents of Volume 16 341

Author Index 344

Subject Index 347